IN THE CLAIMS:

All of the pending claims 2, 3, 5-8, 10, 11, and 13-18 are set forth below. The status of each claim is indicated with one of (original), (currently amended), (cancelled), and (new). Please CANCEL claims 1, 4, 9, and 12 without prejudice or disclaimer. Please AMEND claims 2, 5, 6, 10, 13, and 14 and ADD claims 17 and 18 in accordance with the following:

1. (cancelled)

2. (currently amended) ~~The information processing terminal as claimed in claim 1,~~ An information processing terminal, comprising:

a first processing section for producing a first transfer data, a second transfer data, and a data transfer descriptor for requesting transfer of the first transfer data; and

a second processing section for receiving the first transfer data, the second transfer data, and the data transfer descriptor from said first processing section, and for transferring the first transfer data to the outside of said information processing terminal in accordance with the data transfer descriptor;

said second processing section including:

a buffer capable of temporarily storing the first transfer data;

a merging section capable of merging the first transfer data stored in said buffer and the second transfer data to create transfer data; and

a controlling section for controlling said merging section to merge the first and second transfer data in accordance with the data transfer descriptor and for performing transfer control of the transfer data,

wherein said first processing section describes, in the data transfer descriptor to be produced to request transfer of the second transfer data to said second processing section, information of a storage source of the second transfer data and describes merge instruction information for instruction to merge the first and second transfer data, and then notifies said second processing section of the data transfer descriptor.

3. (original) The information processing terminal as claimed in claim 2, wherein, in said second processing section, said controlling section refers to the data transfer descriptor to read out the second transfer data based on the information of the storage source of the transfer data and reads out the first transfer data from said buffer based on the merge instruction information, and then controls said merging section to merge the first and second transfer data read out.

4. (cancelled)

5. (currently amended) ~~The information processing terminal as claimed in claim 1,~~ An information processing terminal, comprising:

a first processing section for producing a first transfer data, a second transfer data, and a data transfer descriptor for requesting transfer of the first transfer data; and

a second processing section for receiving the first transfer data, the second transfer data, and the data transfer descriptor from said first processing section, and for transferring the first transfer data to the outside of said information processing terminal in accordance with the data transfer descriptor;

said second processing section including:

a buffer capable of temporarily storing the first transfer data;

a merging section capable of merging the first transfer data stored in said buffer and the second transfer data to create transfer data; and

a controlling section for controlling said merging section to merge the first and second transfer data in accordance with the data transfer descriptor and for performing transfer control of the transfer data,

wherein, where the same main data is to be transferred to a plurality of transfer destinations, said first processing section produces and writes, for each of the transfer destinations, the main data as the first transfer data into said buffer, and produces the header part as the second transfer data including the information of the transfer destination and to be added to the main data and the data transfer descriptor for requesting the merging of the header part and the main data and the transfer of the merged data and notifies said second processing section of the data transfer descriptor.

6. (currently amended) ~~The information processing terminal as claimed in claim 1,~~ An information processing terminal, comprising:

a first processing section for producing a first transfer data, a second transfer data, and a data transfer descriptor for requesting transfer of the first transfer data; and

a second processing section for receiving the first transfer data, the second transfer data, and the data transfer descriptor from said first processing section, and for transferring the first transfer data to the outside of said information processing terminal in accordance with the data transfer descriptor;

said second processing section including:

a buffer capable of temporarily storing the first transfer data;

a merging section capable of merging the first transfer data stored in said buffer and the second transfer data to create transfer data; and

a controlling section for controlling said merging section to merge the first and second transfer data in accordance with the data transfer descriptor and for performing transfer control of the transfer data,

wherein said first processing section produces a buffer writing descriptor for requesting writing of the first transfer data into said buffer to said second processing section and notifies said second processing section of the buffer writing descriptor, and~~, in said second processing section,~~ said controlling section of said second processing section reads out and writes the first transfer data into said buffer in accordance with the buffer writing descriptor received from said first processing section..

7. (original) The information processing terminal as claimed in claim 6, wherein said first processing section produces the buffer writing descriptor in the same format as that of the data transfer descriptor and describes the information of the storage source of the first transfer data and buffer writing instruction information for instruction to write the first transfer data into said buffer in the buffer writing descriptor, and then notifies said second processing section of the buffer writing descriptor.

8. (original) The information processing terminal as claimed in claim 7, wherein, in said second processing section, said controlling section refers to the buffer writing descriptor to read out the first transfer data based on the information of the storage source included in the first transfer data and writes the first transfer data read out into said buffer.

9. (cancelled)

10. (currently amended) ~~The transfer processing apparatus as claimed in claim 9,~~ A transfer processing apparatus for transferring a first transfer data produced by a processing section in accordance with data transfer descriptor received from said processing section, comprising:

a buffer capable of temporarily storing the first transfer data;

a merging section capable of merging the first transfer data stored in said buffer and a

second transfer data produced separately from the first transfer data by said processing section to create transfer data; and

a controlling section for controlling said merging section to merge the first and second transfer data in accordance with the data transfer descriptor and performing transfer control of the transfer data,

wherein a notification of a data transfer descriptor in which information of a storage source of the second transfer data and merging instruction information for instruction for merging of the first and second transfer data are described is issued as the data transfer descriptor from said processing section.

11. (original) The transfer processing apparatus as claimed in claim 10, wherein said controlling section refers to the data transfer descriptor to read out the second transfer data based on the information of the storage source of the second transfer data and read out the first transfer data from said buffer based on the merging instruction information, and then controls said merging section to merge the first and second transfer data read out.

12. (cancelled)

13. (currently amended) ~~The transfer processing apparatus as claimed in claim 9,~~ A transfer processing apparatus for transferring a first transfer data produced by a processing section in accordance with data transfer descriptor received from said processing section, comprising:

a buffer capable of temporarily storing the first transfer data;

a merging section capable of merging the first transfer data stored in said buffer and a second transfer data produced separately from the first transfer data by said processing section to create transfer data; and

a controlling section for controlling said merging section to merge the first and second transfer data in accordance with the data transfer descriptor and performing transfer control of the transfer data,

wherein, in order to transfer the same main data to a plurality of transfer destinations, the main data produced by said processing section is written as the first transfer data into said buffer, and a notification of a data transfer descriptor for requesting merging of the header part as the second transfer data produced for each of the transfer destinations by said processing section with the main data and transferring of the merged data is received from said processing

section.

14. (currently amended) ~~The transfer processing apparatus as claimed in claim 9,~~ A transfer processing apparatus for transferring a first transfer data produced by a processing section in accordance with data transfer descriptor received from said processing section, comprising:

a buffer capable of temporarily storing the first transfer data;

a merging section capable of merging the first transfer data stored in said buffer and a second transfer data produced separately from the first transfer data by said processing section to create transfer data; and

a controlling section for controlling said merging section to merge the first and second transfer data in accordance with the data transfer descriptor and performing transfer control of the transfer data,

wherein a notification of a buffer writing descriptor for requesting writing of the first transfer data into said buffer is received from said processing section, and said controlling section reads out and writes the first transfer data into said buffer in accordance with the buffer writing descriptor received from said processing section.

15. (original) The transfer processing apparatus as claimed in claim 14, wherein a notification of a buffer writing descriptor in which the information of the storage source of the first transfer data and buffer writing instruction information for instruction for writing of the first transfer data into said buffer are described in the same format as that of the data transfer descriptor is received as the buffer writing descriptor from said processing section.

16. (original) The transfer processing apparatus as claimed in claim 15, wherein said controlling section refers to the buffer writing descriptor to read out the first transfer data based on the information of the storage source included in the first transfer data and writes the first transfer data read out into said buffer.

17. (new) An information processing terminal, connected with a plurality of external information processing terminals via a network, for transferring the same data to the plural external information processing terminals individually through the network, comprising:

a first processing section for producing

main data to be transferred to the plural external information processing

terminals,

a plurality of header parts, associated each with a respective one of the plural external information processing terminals, each of the plural header parts for being added to the main data and including transfer destination information of the main data, and

a plurality of data transfer descriptors, associated each with a respective one of the plural external information processing terminals, each of the plural data transfer descriptors being for requesting transfer of the main data to the respective one external information processing terminal; and

a second processing section for receiving the main data, the plural header parts, and the plural data transfer descriptors from said first processing section, and transferring the main data to the plural external information processing terminals individually in accordance with the plural data transfer descriptors, said second processing section including

a buffer for temporarily storing the main data,

a merging section capable of merging the main data stored in said buffer with each of the plural header parts to create transfer data, and

a controlling section for, by reference to each of the plural data transfer descriptors, controlling said merging section to merge the main data with the respective one of the plural header parts, and for carrying out transfer control of the created transfer data.

18. (new) A transfer processing apparatus connected with a processing section and a plurality of information processing terminals, for transferring the same data from the processing section to the plural information processing terminals individually,

said transfer processing apparatus receiving, from said processing section,

main data to be transferred to the plural information processing terminals,

a plurality of header parts, associated each with a respective one of the plural information processing terminals, each of the plural header parts for being added to the main data and including transfer destination information of the main data, and

a plurality of data transfer descriptors, associated each with a respective one of the plural information processing terminals, each of the plural data transfer descriptors being for requesting transfer of the main data to the respective one information processing terminal, and

said transfer processing apparatus including

a buffer for temporarily storing the main data,

a merging section capable of merging the main data stored in said buffer with each of the plural header parts to create transfer data, and

a controlling section for, by reference to each of the plural data transfer descriptors, controlling said merging section to merge the main data with the respective one of the plural header parts, and for carrying out transfer control of the created transfer data.